Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 3rd & Part Bill

Date……2018

Zone:**BBMP,Yelahanka** Division:**BBMP, Byatarayanapura** Sub-Division:**BBMP, Kodigehalli**

Bill Received No. Dated Divisional / Sub-Divisional

Cash Book Voucher No……Dated……

Job Code: 007-18-000010, 007-18-000011

Schedule Docket No. Head of Account: P3298 Est.Cost: Rs.248.00 Lakhs D.R.NO.:

Name of Work : Package-1, includes 2 works of Rs 248.00 Lks. 1) Providing Basic amenties and procurement of DustBins in Kempapura, Amruthahalli, Jakkur, Jakkur Layout, Amruthanagara in Ward No 07, Byatarayanapura. 2)Providing Basic amenities and procurement of dustbins in Sahakarnagara, Byatarayanapura, Sanjeevininagara in Ward No 07, Byatarayanapura

Name of Contractor and Full Address: B.B.Umesh, No 385/1, Near Anjaneya Teemple, Bettahalasaru (P) Bangalore North - 562157

Reference to Agreement No. BBMP/EE/BTP/WO/70/2018-19 Date: 26.07.2018

Certified that the measurements were taken by me on: 9-09-19 and recorded of Pages 499001 to 499011 of measurement Book No. 4991/19-20 and that work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that measurement were taken by me on 9/9/19 /2018 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A formal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

		Amount
1) Total value of work done or supplies made as per account within	Uptodate 2681568-00 Review 19058115-00	Rs. 1757570-00
2) Deduct amount to be held in reserve being……Percent Rs……		Rs. 17575-00
3) " Balance		Rs. 1760-00
4) Deduct Payment:		Rs. 17575-00
a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D.No…… adjusted towards cash advance recovery of		Rs. 12800-00
b) Payments cost store or other material supplied.		Rs. 15693-00
Now made recovery of amount creditable to this /other work		Rs. 15693-00
Amount paid on this bill Cheque/Cash.		Rs. 81096-00
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No…… dated ……less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within		
9) Value of Government materials supplied.		
Total amount adjusted		Rs. 1676474-00

Contractor's Signature

Received Rs……(in words)……

……

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

Witness

1

2

Dated Signature of Contractor

Paid by me by Cheque No……Dated……

Cash Rs……

Dated……

Initials of Officer making payment

(For use in the Office)

P-3298

Stamp

1757570

8109600

1676474-00

Executive Engineer

Executive Engineer
Bangalore

BRUHATH BANGALORE MAHANAGARA PALIKE

Bytarayanapura Division

Package-1, Includes 2 Works. 1) Providing Basic Amenities and Procurment of Dustbins in Sahakaranagara, Byatarayanapura, Sanjeevininagar in Ward No. 07, Byatarayanapura. 2) Providing Basic Amenties and procurement of dustbins in Sahakaranagara, Byatarayanapura, Sanjeevininagara in Ward No 07, Byatarayanapura.

Job Code :- 007-18-000010, 007-18-000011

Name of Agency :- B.B.UMESH, No 385/1, Near Anjaneya Temple, Bettahalasuru (P), Banglore North- 562157

Bill No : 3rd & Part Bill

Item No	Description of Item of Work	Unit	BOQ Qty	BOQ Rate	Previous Measurement		Present Measurement		Total Up do date	
					Qty	Amount	Qty	Amount	Qty	Amount
1	Outdoor PLZ IP Cameras with 20 X optical zoom with controller along with suitable mounting system (PTZ Pan Tilt and Zoom feature is availbale in this camera can be contolled by the software for pan Tilt and zoom feature at the contol center and can be programmed to view at different angles and zoom level continuosly. It operates at day and night and the viewing distance at clarity is about 100 metres	Nos	15.00	87870.00	15.00	1318050.00	0.00	0.00	15.00	1318050.00
2	Bracket (Corner Mount / Pole Mount/ Wall Mount) for mounting the PTZ camera.	Nos	90.00	4800.00	90.00	432000.00	0.00	0.00	90.00	432000.00
3	Outdoor 50 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision and can provide a viewing distance of 50 metres)	Nos	90.00	23700.00	90.00	2133000.00	0.00	0.00	90.00	2133000.00
4	Bracket and weatherproof Installation kit for 50 Meter IP Camera	Nos	90.00	1745.00	90.00	157050.00	0.00	0.00	90.00	157050.00
5	Outdoor 30 Meter IP Cameras with IR & Mounting Bracket (with IR for day and night vision and can provide a viewing distance of 30 metres)	Nos	90.00	17000.00	90.00	1530000.00	0.00	0.00	90.00	1530000.00
6	Bracket and weatherproof Installation kit for 30 Meter IP Camera	Nos	90.00	1684.00	90.00	151560.00	0.00	0.00	90.00	151560.00
7	32 Channel NVR DS 7732 NI- E4 (with 4 Sata Option) the control box and the recording device to connect upto 32 devices, can be cascaded to provide additional cameras	Nos	15.00	75000.00	15.00	1125000.00	0.00	0.00	15.00	1125000.00
8	12 TB NAS Box for Back up (NET GEAR) provides storage for the recorded data for quick view back and storage	Nos	15.00	290000.00	15.00	4350000.00	0.00	0.00	15.00	4350000.00
9	4 TB SATA for storage and fitted in the NVR Device for storage	Nos	30.00	25820.00	30.00	774600.00	0.00	0.00	30.00	774600.00
10	A suitable sheet metal control panel to house site Equipments (Weather Proof) The power supply and the ethernet connectivity adaptor is stored in this box.	Nos	180.00	1724.00	180.00	310320.00	0.00	0.00	180.00	310320.00
11	Power supply for the camera.	Nos	180.00	520.00	180.00	93600.00	0.00	0.00	180.00	93600.00
12	Ethernet Switch for connectivity to Internet and Camera	Nos	180.00	1073.00	180.00	193140.00	0.00	0.00	180.00	193140.00
13	Supply & Laying of Network and Power Cables from Camera to the control Box.	Nos	135.00	439.00	135.00	59265.00	0.00	0.00	135.00	59265.00
14	Video Manager Application Software for Display and Management of Camera on Video Display.	Nos	90.00	22400.00	90.00	2016000.00	0.00	0.00	90.00	2016000.00
15	Installation, Erection & commissioning charges	Nos	90.00	5717.00	90.00	514530.00	0.00	0.00	90.00	514530.00
16	Providing Modern Dust Bins	Nos	195.00	20000.00	195.00	3900000.00	0.00	0.00	195.00	3900000.00

17	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 Page No. 5 / Item No. 2.3 of PWD SR 2016-17	Cum	101.00	230.00	0.00	0.00	57.92	13320.00	57.92	13320.00
18	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.12, Item No. 4.3 of PWD SR 2016-17	Cum	30.00	5939.00	0.00	0.00	22.61	134309.00	22.61	134309.00
19	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.6, PWD SR 2016-17	Cum	50.00	5000.00	0.00	0.00	29.70	148500.00	29.70	148500.00
20	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.9, PWD SR 2016-17	Cum	22.00	6000.00	0.00	0.00	13.12	78732.00	13.12	78732.00
21	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications Page No. 113 / Item No. 15.3, PWD SR 2016-17	Sq-m	137.00	119.00	0.00	0.00	75.96	9039.00	75.96	9039.00
22	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Page No. 5 / Item No. 2.11 of PWD SR 2016-17	Cum	10.00	92.00	0.00	0.00	3.55	326.00	3.55	326.00
23	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 Page No. 15 / Item No. 4.28, PWD SR 2016-17	Sq-m	286.00	281.00	0.00	0.00	257.10	72245.00	257.10	72245.00

24	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No. 13 / Item No. 4.11 / PWD SR 2016-17	**Cum**	**80.00**	**7250.00**	0.00	0.00	42.76	310003.00	42.76	310003.00
25	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT Bars FE 500 Page No. 17 / Item No. 4.46.2 / PWD SR 2016-17	**Tonne**	**10.00**	**73200.00**	0.00	0.00	4.65	340476.00	4.65	340476.00
26	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 15 / Item No. 4.18 / PWD SR 2016-17	**Sq-m**	**118.00**	**375.00**	0.00	0.00	82.11	30791.00	82.11	30791.00
27	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 Page No. 25 / Item No. 5.26.2, PWD SR 2016-17	**Sq-m**	**281.00**	**1107.00**	0.00	0.00	209.50	231911.00	209.50	231911.00

28	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm	**Sq-m**	**108.00**	**1100.00**	0.00	0.00	76.49	84139.00	76.49	84139.00
29	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114, Item No. 15.21 of PWD SR 2016-17	**Sq-m**	**127.00**	**235.00**	0.00	0.00	72.52	17042.00	72.52	17042.00
30	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114 / Item No. 15.16, PWD SR 2016-17 (Inside Wall)	**Sq-m**	**101.00**	**270.00**	0.00	0.00	101.00	27270.00	101.00	27270.00
31	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. Page No. 115, Item No. 15.33, PWD SR 2016-17	**Sq-m**	**23.00**	**30.00**	0.00	0.00	23.00	690.00	23.00	690.00
32	KSRB15-3.9 :Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114 / Item No. 15.17, PWD SR 2016-17 (Outside Wall)	**Sq-m**	**498.00**	**241.00**	0.00	0.00	261.41	62999.00	261.41	62999.00

33	Supplying and fixing pressed steel door frames size 125x65 mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm, thick with lock rail of 160 mm, width, top and side rails of 100 mm. width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4. Page No. 39 / Item No. 7.26, PWD SR 2016-17	Sq-m	25.00	4271.00	0.00	0.00	10.19	43500.00	10.19	43500.00
34	"Supplying and fixing pressed steel window frame of size 100 x 50mm manufactured from 1.25 mm thick carbon steel or imported steel strips with neat mitred joints at 900degree for window openings and shall be suitable to fix M.S. grills as per design and drawings using 12mm dia rods at 100mm Centre to Centre horizontally and two members of M.S flats of 6mmx40mm size at 150mm apart, welded into a frame of 6mmx40mm size M.S. flats with 16mm size lugs, and 8 Nos. of 100mm size hinges, 4 Nos of Butt Stay pins and 4 Nos. Tower bolts and shutters half panelled and hallf glazed with shutters made out of seasoned honne wood, styles of 30mm thick and 100mm width and rails of 30mm thick and 100mm width and using 4mm thick pin headed glass and panel, filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof vermin proof, heat resistant guaranteed against shrinkage, warp age and such other defects for a period of 3 years.This shall be as per approved drawing, specification and direction including cost of conveyance, manufacturing painting with 2 coats enamel paint over one coat of primer, cost of labour for all items of work, machinery, equipment and all other	Sq-m	36.00	4637.00	0.00	0.00	5.61	26014.00	5.61	26014.00
35	KSRB 14.10-1: Flooring with 25mm to 40mm thick polished tandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing complete as per specifications. Specification No. KBS Page No. 103 / Item No. 14.15, PWD SR 2016-17	Sq-m	84.00	1350.00	0.00	0.00	65.07	87845.00	65.07	87845.00
36	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Page No. 117 / Item No. 15.49.1, PWD SR 2016-17	Sq-m	23.00	87.00	0.00	0.00	23.00	2001.00	23.00	2001.00

37	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. Page No. 117 / Item No. 15.53.2, SR 2016-17.	Sq-m	50.00	102.00	0.00	0.00	50.00	5100.00	50.00	5100.00
38	KSRB 8.6-7 : Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. Page No. 47 / Item No. 8.18, PWD SR 2016-17	Mtr	60.00	522.00	0.00	0.00	60.00	31320.00	60.00	31320.00
						19058115.00		1757572.00		20815687.00
		Amount in Words:-		Rupees Seventeen Lakh Fifty Seven Thousand Five Hundred Seventy Two Only						

Certificate:

1 Certified that the contractor has done the work satisfactorly
2 Certified that the debris has been removed from the site
3 Certified that the No dues from the contractor
4 Certified that the above item of the work were not claimed in any other bill

Consultant

Assistant Engineer

Assistant Excecutive Engineer

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.